

LOCAL ENTOMOLOGICAL NOTES.

Members of the New York Entomological Society and all others, are solicited to contribute to this column, their rare captures, local lists and other items of interest relating to the insect fauna of New York city and vicinity.

LIST OF THE COLEOPTERA OF NORTH EASTERN AMERICA, WITH SPECIAL REFERENCE TO THE FAUNA OF NEW YORK CITY AND VICINITY.

BY CHARLES W. LENG and WM. BEUTENMULLER.

(CONTINUED FROM PAGE 146).

HALIPLIDÆ.

HALIPLUS Latr.

H. fasciatus *Aube.*—Found near N. Y. City and all Middle and Western States.

H. punctatus *Aube.*—Found near N. Y. City and all Middle and Western States.

H. triopsis *Say.*—Taken near N. Y. City and all Middle and Western States, Canada.

H. ruficollis *De G.*—Found near N. Y. City and all Middle and Western States, Canada and westward (also Europe).

H. longulus *Lec.*—Taken in this vicinity, Mass., Lake Superior (also Wyoming).

H. cribrarius *Lec.*—Not found near N. Y. City. Occurs in Vermont, Lake Superior and Can. (also Dakota).

H. borealis *Lec.*—Michigan (Hubbard & Schwarz).

CNEMIDOTUS *Er.*

C. 12 punctatus *Say.*—Near N. Y. City and all Middle and Western States, Canada.

C. edentulus *Lec.*—Near N. Y. City and all Middle and Western States.

C. muticus *Lec.*—Middle and Western States.

DYTISCIDÆ.

All the Dytiscidæ are water beetles, swimming freely and occur in ponds large and small. They also fly well and thus are taken at electric lights and on glass roofs, stunned by falling upon them in mistake for water.

CANTHYDRUS Sharp.

C. bicolor *Say.*—Rare near N. Y. City. Occurs abundantly further south, Conn., N. J., Pa., (also Va., Ga., Fla.).

HYDROCANTHUS *Say*.

H. iricolor *Say*.—Abundant in Woodside Lake (Staten Island) and elsewhere near N. Y. City, also N. J., Pa., O., (and Ga., La., Fla.).

LACCOPHILUS *Leach*.

L. maculosus *Germ.*—N. E. Amer. In every pond, the most common water-beetle.

L. proximus *Say*.—Lake Superior Region. Not yet recognized in our ponds, but occurs at Peekskill (Sherman), also reported from N. J., Can., O., Iowa, Ill., (also Tex., Fla., Neb. and Cal.).

L. fasciatus *Aube.*—Occurs here with *L. maculosus*, but less common, also found all over the United States.

L. undatus *Aube.*—Northfield Iron Ore ponds (Staten Island), rare; also N. J., Pa.

L. gentilis *Lec.*—N. Y., La.

HYDROVATUS *Mots.*

H. cuspidatus *Germ.*—Very abundant on Staten Island, also in all Middle and Western States.

H. pustulatus *Muls.*—N. J., Ill., Vt.

DESMOPACHRIA *Bab.*

D. convexa *Aube.*—N. Y. City and vicinity. Common on Staten Island; N. J., and Middle States.

BIDESSUS *Sharp.*

B. flavicollis *Lec.*—Ill., Pa., (Crotch).

B. affinis *Say.*—Our common species is called by this name, also reported from the Atlantic Region, N. J., Ohio, Lake Superior, (also Tex., N. Mex., Cal. and Vanc.).

B. lacustris *Say.*—Rare near N. Y. City. Reported to inhabit the Atlantic Region, Ohio (Dury), Lake Superior.

B. fuscatus *Cr.*—Lake Superior to Fla (Crotch). Found abundantly at Peekskill, N. Y., among submerged leaves in a wooded swamp (Sherman).

B. granarius *Aube.*—Rare on Staten Island N. J. (Smith), Vermont (Roberts), Southern States (Crotch).

CELINA *Aube.*

C. angustata *Aube.*—Very rarely found in the Iron Ore ponds on Staten Island. Reported from the Southern States (Crotch).

COELAMBUS *Thom.*

C. inæqualis *Fabr.*—Near N. Y. City, N. J., Middle and Western States, Lake Superior, Can. (also Europe).

C. punctatus *Say.*—Near N. Y. City, N. J. (Smith), Va., Middle and Western States, Col.

- C. farctus* Lec.—N. J. (Crotch), Mass.
C. turbidus Lec.—Near N. Y. City, Mass., Vt., Ohio (Dury).
C. medialis Lec.—Near N. Y. City, (also San Diego, Calif.).
C. nubilus Lec.—Near N. Y. City, Buffalo, N. Y., N. J., O. (also Kan., Col., Tex.).
C. suturalis Lec.—Lake Superior.
C. impressopunctatus Sch.—Near N. Y. City, N. J., Mass., Ill., Lake Superior, Can. (also Asia). This species on Staten Island, inhabits the salt meadow creeks.
C. acaroides Lec.—Ohio (Dury).
C. dissimilis G. & H.—Lake Superior.

DERONECTES *Sharp.*

- D. depressus* Fabr.—Canada. Buffalo, N. Y. (Reinecke), Michigan (Schwarz), (also N. Europe).
D. catascopium Say.—Peekskill, N. Y. Very rare. Quebec, Can. (Cooper), Iowa and Vancouver also Labrador.
D. griseostriatus De G.—Found near N. Y. City, N. J., Mass., N. Y., Can., Lake Superior and westward to Cal. (also Arctic Siberia and Alpine and northern Europe).

HYDROPORUS *Clairv.*

- H. aulicus* Aube.—Not found here. Tenn.
H. concinnus Lec.—Rare near N. Y. City, N. J., Can., O., Ill. (also Neb.).
H. pulcher Lec.—Not found here. Reported from N. J. (Smith), Vt. (Roberts).
H. mellitus Lec.—Occurs in New England.
H. undulatus Say.—Common in this vicinity, N. J., Pa., Conn.
H. spurius Lec.—Rare in this vicinity. Vt. (Roberts), Canada.
H. consimilis Lec.—Not found here. N. J., Lake Superior, Ohio (Dury), Ottawa, Can. (Harrington).
H. sericeus Lec.—Not found in this vicinity. Can., Lake Superior, Ill.
H. proximus Aube.—Canada.
H. hybridus Aube.—Canada (Harrington).
H. striatopunctatus Muls.—Found in this vicinity and Middle States.
H. anticus Sharp.—Not found here. Vt. (Roberts).
H. mixtus Lec.—N. Y. City and vicinity, N. Hampsh. (Slosson), Vt. (also Neb.).
H. alpinus Payk.—N. Y. City and vicinity, Can., Lake Superior, Hudson Bay region (also Lapland and Norway).
H. obscurus Sturm.—N. J.
H. tenebrosus Lec.—N. J., Lake Superior, Labrador.
H. signatus Mann.—Can., Ill. Reported from Peekskill, N. Y.
H. tristis Payk.—N. Y. City and vicinity, Mass., Vt. and Arctic region, Lake Superior, Can. to Alaska (also northern Siberia and Europe).
H. americanus Aube.—N. Y. City and vicinity, N. J., Peekskill, N. Y., in submerged moss in swamp. Ottawa, Can. (Harrington).
H. dichrous Muls.—N. Y. City and vicinity, N. J., Ill., Canada.
H. niger Say.—Not found here. Can., Vt., N. Hampshire.

- H. modestus** *Aube.*—N. Y. City and vicinity, N. J., Conn., Canada.
H. stagnalis *G. & H.*—N. Y. City and vicinity, N. J., Can., Vt., Lake Superior.
H. oblitus *Aube.*—Peekskill, N. Y. Rare. Middle States, Lake Superior.
H. difformis *Lec.*—N. Y., Mass. (also Ga.).
H. oblongus *Steph.*—Can., L. Superior, Pa., Mich. (also Vancouver, Finland and Arctic Siberia).
H. tartaricus *Lec.*—Peekskill, N. Y. (Sherman), Vt., Lake Superior, Can. (also Hudson Bay, Col. and Arctic Siberia).
H. laccophilinus *Lec.*—Peekskill, N. Y. (Sherman).
H. caliginosus *Lec.*—Lake Superior, Quebec, Canada (Cooper), Labrador.
H. septentrionalis *Gyll.*—Lake Superior, eastern Siberia and north. Europe.
H. vilis *Lec.*—Lake Superior.
H. notabilis *Lec.*—Lake Superior, Can.
H. atriceps *Cr.*—White Mts., N.H. (also Finland, Scotland, Arctic Siberia).

ILYBIUS *De Geer.*

- I. ater** *De G.*—Reported from Pa. It is a European species and the determination may be incorrect.
I. pleuriticus *Lec.*—Reported from Pa. and Lake Superior, (also Kan., Alaska, Siberia and Europe).
I. angustior *Gyll.*—Occurs in Labrador, Lake Superior (also Kansas).
I. biguttatus *Germ.*—Abundant near N. Y. City, N. J., Pa., Conn., O., Ill., Michigan, Can. (Couper).
I. fraterculus *Lec.*—N. Y. City and vicinity, Michigan (Schwarz), also Neb. and Kans.
I. 4-maculatus *Aube.*—Occurs at Peekskill, N. Y., N. Hampsh. (Slosson), Quebec, Can. (Couper), (Sherman), (also in Or. and Alaska).
I. ignarus *Lec.*—Occurs at Peekskill, N. Y., rarely in a wooded swamp, (Sherman), Michigan (Schwarz).
I. confusus *Aube.*—Michigan (Schwarz), Lake Superior.
I. assimilis *Kby.*—Canada

COPTOTOMUS *Say.*

- C. interrogatus** *Fabr.*—Abundant in ponds near N. Y. City, N. J., Pa., Conn., O., Mich., Can., (also Ga., Mo., Tex. and Cal.).

ILYBIOSOMA *Cr.*

- I. bifarius** *Kby.*—Canada, Lake Superior Region, (Schwarz).

COPELATUS *Er.*

- C. glyphicus** *Say.*—Abundant near N. Y. City, in N. J., Pa., Can., Ill., (also Fla., La., Tex. and Kan.). Very common under stones along inlets of the Hudson River. Rare in ponds (Sherman), Ohio (Dury).
C. Chevrolatii *Aube.*—Lake Superior Region (Schwarz).

MATUS *Aube.*

M. bicarinatus *Say.*—Abundant near N. Y. City, N. J., Quebec, Can. (Couper).

AGABETES *Cr.*

A. acuductus *Harr.*—Occurs in pools in the woods on Staten Island; common in a wooded swamp at Peekskill (Sherman), Pa. and Can.

AGABUS *Leach.*

A. parallelus *Lea.*—Rare at Peekskill (Sherman), Lake Superior, N. Hampshire, Labrador.

A. seriatus *Say.*—Common in this vicinity, in N. J., Pa., Vt., Can.

A. obtusatus *Say.*—Abundant near N. Y. City, in N. J., Can., Lake Superior.

A. stagninus *Say.*—Found in this vicinity (W. B.) Reported from Pa., Ohio (Dury), Ottawa, Can. (Harrington).

A. semivittatus *Lea.*—Reported from Pa., Ohio, Can. (also Kan., Tex.).

A. punctatus *Mels.*—Not common in this vicinity (W. B.), N. J. (Smith), Pa., Canada (also Ga.).

A. semipunctatus *Klby.*—Reported from Can., Lake Superior, Labrador, (also Mo).

A. inscriptus *Cr.*—Labrador.

A. punctulatus *Aube.*—Newfoundland, Lake Superior, Can., Pa., (also Wash. State).

A. taeniolatus *Harr.*—Reported in N. J. (Smith), Pa., Ohio (Dury).

A. disintegratus *Cr.*—N. E. Amer. Common in this vicinity, (also Neb., Kan., Ariz., Tex.).

A. nigroæneus *Er.*—Lake Superior, Can. (also Kan., Calif., Europe and Siberia).

A. hypomelas *Mann.*—Quebec, Canada (Couper).

A. tristis *Aube.*—Quebec, Canada (Couper).

A. leptapsis *Lea.*—Michigan.

A. reticulatus *Klby.*—Rare near Peekskill, N. Y. (Sherman).

A. infuscatus *Aube.*—Rare near N. Y. City. Lake Superior.

A. Lecontei *Cr.*—New Hampshire (Austin).

A. erythropterus *Say.*—N. Y. City and vicinity, N. J., Pa., Mass., Lake Superior.

A. congener *Payk.*—N. Y. City and vicinity, Vt., Pa., Mass., Labrador, Greenland, Wht. Mts. N. H. (Europe and Siberia).

A. arcticus *Payk.*—Labrador (also Scotland, Lapland and Arctic Siberia).

A. gagates *Aube.*—N. Y. City and vicinity, common. Pa., Vt., N. J., Mass., Lake Superior.

A. clavatus *Lea.*—Reported from N. J. (also Kan.).

A. fimbriatus *Lea.*—Reported from N. J., Pa., Lake Superior, Canada.

A. anthracinus *Mann.*—Canada, Lake Superior (also Alaska).

A. confinis *Gyll.*—Vermont, Lake Superior, Michigan, New Hampshire, Can., (also Hudson Bay, Alaska, Sweden, Finland).

A. subfuscatus *Sharp.*—Canada (Kilman).

A. ambiguus Say.—Lake Superior Region, Labrador.

A. longulus Lec.—Michigan.

SCUTOPTERUS *Esch.*

S. angustus Lec.—Canada, Lake Superior (also Kan.).

S. Hornii Cr.—Canada.

RHANTUS *Esch.*

R. flavogriseus Cr.—Found near N. Y. City, Michigan (Schwarz).

R. binotatus Harr.—N. E. Amer. (also the whole U. S.).

R. calidus Fabr.—Rare near N. Y. City, N. J. (also Ga.).

R. bistriatus Bergst.—N. Y., N. J., Mass., Ill., Lake Superior, northward and westward (also Europe and Siberia).

A. sinuatus Lec.—Peekskill, N. Y., rare (Sherman), Michigan (Schwarz).

COLYMBETES *Clair.*

C. sculptus Harr.—N. E. Amer. (also Id., Mont., Or., Cal.).

C. grœnlandicus Aube.—Greenland.

HYDATICUS *Leach.*

H. stagnalis Fabr.—Found near N. Y. City; Pa., N. Hampsh. (Slosson), Mich., Wisc. (also N. Europe and N. Siberia).

H. piceus Lec.—Taken near N. Y. City, N. J., Pa., Ill., Lake Superior and Canada).

H. bimarginatus Say.—Taken near N. Y. City, N. J., Pa., Ohio (also Ga., Fla.).

DYTISCUS *Linn.*

D. sublimbatus Lec.—Ohio (Dury), Lake Superior, Canada.

D. fasciventris Say.—N. Y. City and vicinity, N. J., Pa., New Hampshire (Slosson), Lake Superior, Ohio, Canada.

D. hybridus Aube.—N. Y. City and vicinity, N. J., Pa., Ill., Ohio (also Kan.).

D. verticalis Say.—N. Y. City and vicinity, N. J., N. Hampsh. (Slosson), Pa., Lake Superior, Can.

D. Harrisii Kby.—N. J., Pa., Lake Superior, N. Hampsh. (Slosson), Can. (also Kan., Vanc.).

D. marginicollis Lec.—Ohio (Dury), Ill.

D. dauricus Gebl.—Maine to Alaska, Michigan (Schwarz), Quebec, Can. (Couper).

ACILIUS *Leach.*

A. semisulcatus Aube.—N. E. Amer.

A. fraternus Harr.—N. E. Amer. Common.

*A. mediatu*s Say.—N. E. Amer.

THERMONECTES *Esch.*

T. ornaticollis Aube.—N. Y. City and vicinity, Pa., Ill. (also Tex., N. Mex. and Kan.).

T. basilaris Harr.—N. E. Amer. (also Ga., Tex.).

GRAPHODERES *Esch.*

G. liberus Say.—N. Y. City and vicinity, N. J., Pa., Conn., Mass., Lake Superior.

G. fasciatocollis Harr.—N. Y. City and vicinity, N. J., Pa., Mich. (also Cal., Wash., Europe, N. Siberia).

CYBISTER *Curt.*

C. fimbriolatus Say.—N. Y. City and vicinity, N. J., O., Pa. (also Ga., La., Kansas).

GYRINIDÆ.

The Gyrinidæ are also water beetles, but live habitually on its surface where they may be seen in schools, swimming in circles and mingling together. They are commonly called whirligigs also apple-bugs, owing to their peculiar apple-like odor.

GYRINUS *Linn.*

G. minutus Fabr.—Lake Superior and Labrador (also Hud. Bay, Wash., Europe and Asia).

G. rockinghamensis Lec.—N. Y., N. J. (also N. C. and Fla.).

G. confinis Lec.—Buffalo, N. Y. (Reinecke), Lake Superior Region and westward.

G. fraternus Coup.—Canada Lake Superior.

G. limbatus Say.—N. Y., N. J., Canada, Lake Superior.

G. dichrous Lec.—Reported from N. Y. City and vicinity, N. Eng., N. J., N. Y., Lake Superior (also Ga.).

G. pectoralis Lec.—Lake Superior Region.

G. elevatus Lec.—Reported from N. Y. (also Utah)

G. ventralis Kby.—N. E. Amer. Abundant.

G. aquiris Lec.—Middle States, Lake Superior.

G. maculiventris Lec.—Buffalo, N. Y. (Reinecke), Lake Superior.

G. canadensis Reg.—Pa., (?); Canada.

G. affinis Aube.—N. E. Amer. Abundant.

G. analis Sav.—N. E. Amer. Abundant.

G. marinus Gyll.—Greenland.

G. borealis Aube.—N. E. Amer. Abundant.

G. lugens Lec.—N. Eng., Lake Superior. Rare in N. J., Ohio

G. picipes Aube.—Peekskill, N. Y. (Sherman), Labrador, Lake Superior (Hubbard & Schwarz), (also B. Col.)

G. æneolus Lec.—Lake Superior (Hubbard & Schwarz), Ill.

DINEUTES *MacL.*

D. vittatus Germ.—N. Y. City and vicinity, N. J., Middle and Southern States.

D. discolor Aube.—Very common in this vicinity, N. E. Amer.

D. serrulatus Lec.—Rare in Middle States, more common South

D. assimilis Aube.—N. E. Amer. Common in this vicinity.

D. emarginatus Say.—Scarce in this vicinity. N. J., Middle and Northern States.

GYRETES *Brulle*.

G. sinuatus *Lee.*—Quincy, Ill. (also Cal.)

HYDROPHILIDÆ.

This family includes genera of different habits.

HELOPHORUS *Fabr.*

These are water beetles found clinging to aquatic plants and when dislodged they must float on the surface, until brought in contact with another stem or leaf.

H. lacustris *Lee.*—N. Y. City and vicinity, N. J., Lake Superior, Canada.

H. obscurus *Lee.*—Taken in this vicinity on Staten Island, Canada (Harrington), (also Calif.).

H. linearis *Say.*—Buffalo, N. Y. (Reinecke), (also Hud. Bay).

H. lineatus *Say.*—N. Y. City and vicinity, N. J., Middle States, Ohio, Lake Superior, Can. (also Neb.).

H. tuberculatus *Gyll.*—N. J., rare, N. Ill., Can., Mich., Lake Superior, Wisc. (also Europe and Asia).

HYDROCHUS *Leach*.

H. scabratus *Muls.*—N. Y. City and vicinity, N. J., Middle and Southern States (also Ia).

H. rugosus *Muls.*—Middle States.

H. inæqualis *Lee.*—N. Y. City and vicinity, N. J., (also Ia).

H. subcupreus *Rand.*—N. Y. City and vicinity, N. J., Can., (Harrington).

H. variolatus *Lee.*—N. J. (also Ia. and Cal.).

H. squamifer *Lee.*—Buffalo, N. Y. (Reinecke), Quebec, Can. (Couper).

H. simplex *Lee.*—Buffalo, N. Y. (Reinecke).

OCHTHEBIUS *Leach*.

Live on the under side of stones in clear running shallow water.

O. benefossus *Lee.*—On the N. J. list, Vt. (Roberts).

O. nitidus *Lee.*—Pa., Lake Superior.

O. foveicollis *Lee.*—Pa. (also Fla. and N. Mex.).

HYDREXA *Kug.*

Live in the mud of pond bottoms and on aquatic plants under water.

H. pennsylvanica *Kies.*—Not rare on Staten Island, N. J., Lake Superior, Can. (also Wyom.).

HYDROPHILUS *Geoff*

Swim freely in the ponds like Dytiscidæ, but with less power.

H. ovatus *G. & H.*—Rare on Staten Island, N. Y., N. J., Pa., O. (not rare in Washington, D. C.).

H. triangularis *Say.*—N. E. Amer. (the whole U. S.) not rare in N. Y. City and vicinity at electric lights.

H. nimbatus *Say*.—Very common, N. Y. City and vicinity, N. J., O., Can. (also Ga., Tex., Neb.)

H. mixtus *Lec.*.—N. Y., N. J., O., Can.

H. glaber *Hbst.*.—N. Y. City and vicinity, common, N. J., Lake Superior, O., Can. (also Ga., Neb.).

H. striolatus *Lec.*.—Ohio (Dury).

HYDROCHARIS *Lat.*

Habits similar to the preceding

H. obtusatus *Say*.—N. Y. City and vicinity, not common, N. J., Pa., N. Eng., Can., Ill., O., (Middle and Southern States).

BEROSUS *Leach.*

Habits same as the preceding; rather rare.

B. exiguus *Say*.—Pa. and southward.

B. pantherinus *Lec.*.—N. Y. City and vicinity, N. J., Ill., O., (also Mo., Tex.).

B. peregrinus *Hbst.*.—N. Y. City and vicinity, N. J., Ohio, Can., Middle and Southern States.

B. immaculatus *Zimm.*.—Ill. (also N. C. and Mo.).

B. infuscatus *Lec.*.—N. J. Atlantic Slope to the Pacific.

B. pugnax *Lec.*.—Ill. (also Mo.).

B. striatus *Say*.—N. Y. City and vicinity, N. J., Pa., N. Eng., Middle States, O., Can.

CHEFARTHRIA *Steph.*

C. atra *Lec.*.—N. Y. (Leconte).

LACCOBIUS *Er.*

L. agilis *Rand.*.—N. Y. City and vicinity, N. J., O., Middle States, Lake Superior, Can. (also Kan.).

PHILHYDRUS *Sol.*

Habits similar to the preceding.

P. nebulosus *Say*.—N. Y. City and vicinity, N. J., Ohio, Lake Superior, Can. (also Ga., Kan., Neb., Ariz., Tex. and Cal.).

P. ochraceus *Mels.*.—N. J., Conn., Ohio, Can., Middle and Southern States (also Mex.).

P. reflexipennis *Zimm.*.—N. Y. City and vicinity, N. J., Vt. (Roberts), (also Del.).

P. cinctus *Say*.—N. Y. City and vicinity, Can., New Eng. States, westward to Kan., and south to Ga.

P. diffusus *Lec.*.—N. Y. City and vicinity, N. J., Ill., Can. (also Neb., Dak., Wyo. and Calif.).

P. perplexus *Lec.*.—N. Y. City and vicinity, N. J., Pa., Ill., Lake Superior, Can., southward to Fla., and westward to Tex.

P. Hamiltoni *Horn.*—N. Y. City and vicinity, N. J., Can., Mass. (also N. Cal. and Or.)

HELOCHARES *Muls.*

P. maculicollis *Muls.*—Ohio (Dury), Ill. (also Mo., Ky., N. C., Fla. to Tex.)

CYMBIODYTA *Bedel.*

H. fimbriata *Mels.*—N. Y. City and vicinity, N. J., Vt., Pa., Middle States, N. Eng. States, Can. (also Tex.).

H. lacustris *Lec.*—N. Y. City and vicinity, N. J., Lake Superior, Canada, New. Eng.

H. rotundatus *Say.*—N. J. rare, Pa., Mass., Can. (also N. C.).

C. Blanchardi *Horn.*—Vt., Watkins Glen, N. Y. (Slosson), Mass., Pa. (also D. C.).

HELECOMBUS *Horn.*

H. bifidus *Lec.*—N. Y. City and vicinity, N. J., Middle and Southern States, N. Eng., Can., Labrador.

HYDROBIUS *Leach.*

H. tessellatus *Ziegl.*—N. Y. City and vicinity, Can., Middle States to Fla., and N. Eng. to Ill.

H. tumidus *Lec.*—N. Y., Pa., Can., Middle States to Fla.

H. globulosus *Say.*—N. Y. City and vicinity, N. J., Pa., Mass., Canada Middle and N. Eng. States.

H. fuscipes *Linn.*—N. Y., N. J., Pa., Vt., N. Hampsh., Can., westward to Cal. and Alaska (also Europe and Siberia).

CRENIPHILUS *Mots.*

C. digestus *Lec.*—Lake Superior, Niagara, N. H., Can. to N. Mex.

C. subcupreus *Lec.*—N. Y. City and vicinity, N. J., O., Pa., Can., Middle and N. Eng. States, Lake Superior (also Neb., Fla., Cal., Or., Ariz., Tex.).

C. depectus *Lec.*—Eastern and Middle States, Pa., Ill., Can., Mich., Mass.

C. suturalis *Lec.*—N. J., Peekskill, N. Y. (Sherman), Middle States, Can. (also Ga.).

C. monticola *Horn.*—White Mts., N. H., Pa. (Horn).

(TO BE CONTINUED.)